

An Apparatus for the Remote Measurement of
Heat Engineering Quantities

S/119/60/000/008/005/008
B019/B056

is used as sensitive element, which is partly submerged in oil. By pressure differences between the inner pressure in the bell and the outer pressure, the latter moves, and this motion is transmitted by a system of lever rods. The motion of this system causes the coil of the ferrodynamic transmitter to rotate, whereby the above-described measuring process is introduced. In the differential diaphragm manometer of the type АММ(DMI), an inductive transmitter controlled by the motion of the diaphragm is used instead of the ferrodynamic transmitter I. The inductive transmitter is calculated in such a manner that it may be used in the above-described circuit. The delivery indicator of the type НРКВФ (IRKVF) is intended for the control of the delivery of viscous liquids. With the aid of this instrument, the pressure drop caused by the delivery on a tapering tube is measured by means of a sylphon sensitive element and an inductive transmitter. The Pravila 27-54 Komiteta standartov (rules 27-54 of the Committee on Standards) for measuring the delivery of viscous liquids are mentioned. A gravimetric compensation instrument for measuring the density of pulps is discussed next. In the case of this instrument, the weight of a section of a pipeline is measured by means of an inductive transmitter and the above-described measuring

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An Apparatus for the Remote Measurement of
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S/119/60/000/008/005/003
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circuit. The indicator for the delivery of pulps in an open groove (Fig. 7) operates in a similar manner. Here, a frame is dipped into the pulp, from which it is deflected; this deflection is measured by means of an inductive transmitter and the corresponding measuring circuit. Finally, a contactless direct-current potentiometer using the measuring circuit described above is discussed. In this case, the emf of a thermocouple is compared with the voltage drop of a direct current on a resistor R. The voltage difference is amplified in an alternating-current amplifier. This alternating voltage controls a reversing motor and the latter, in turn, controls the light flux incident upon a photoconductive cell. This photoconductive cell controls the direct current passing through the resistor R. This direct current, in turn, controls an inductive transmitter. There are 8 figures and 1 Soviet reference.

Card 3/3

DIDENKO, Konstantin Ivanovich; GUSEVA, Zhemio Aleksandrovna; YELISE-YEV, M.S., red. izd-va; SMIRNOVA, G.V., tekhn. red.

[New regulating and control equipment] Novaia apparatura
kontrolia i regulirovaniia. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1961. 222 p. (MIRA 14:5)
(Remote control) (Automatic control)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

DIDENKO, K.I.; LEVIN, V.M.; FIGOTIN, L.I.

Measuring the rate of flow of conveyed ore in pulp. Priborostroenie
no.7:3-5 J1 '61. (MIRA 14:6)
(Ore dressing) (Electric measurements)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

DIDENKO, K.I.; KORSUNSKIY, L.M.; LEVIN, V.M.; LINETSKIY, I.R.

Compensatory electromagnetic flowmeter with an automatic
suppression of the quadrature interference. Priborostroenie
no.7:ll-13 Jl '61. (MIRA 14:6)
(Flowmeters)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

DIDENKO, K.I.; PIVOVAROV, Yu.I.; SUSHIN, V.A.

Noncontact electronic potentiometer. Avtom. i prib. no.1:53-56
Ja-Mr '63. (MIRA 16:3)

1. Khar'kovskiy zavod kontrol'no-izmeritel'nykh priborov.
(Potentiometer)

DIDENKO, K.I., kand. tekhn. nauk; LEVIN, V.M., kand. tekhn. nauk;
UTEUSH, Z.V.

System for the automation of a material crushing process in
ball mills. Avtom. i prib. no.3:3-6 J1-S '64.

Contactless apparatus for automating the grinding operation
of ball mills. Ibid. 39-42 (MIRA 18:3)

DIDENKO, K.I., kand. tekhn. nauk; GAFANOVICH, M.D.; ZAGARIY, G.I.; ABUGOV,
Yu.O.; SHRAMKO, K.N.

Electric regulator of a ferrodynamic system. Avt. i prib. no. 4:
64-66 O-D '64 (MIRA 18:2)

VASIL'YEV, V.G.; IVANOV, A.P.; VOSTRYAKOV, O.I.; SHMITEL'SKIY, V.N.;
GAFANOVICH, M.D.; DIDENKO, K.I.; ABUGOV, Yu.O.; SHRAMKO, K.N.;
ZAGARIY, G.I.; DUDCHENKO-DUDKO, V.M.; NIKULIN, Yu.Ya.;
YEFIMOV, Yu.N.; BYKOV, V.L.

Inventions. Avt. i prib. no.473-74 O-D '64 (MIRA 18:2)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

GAFANOVICH, M.D.; DIDENKO, K.I.

Improving the visibility of instrument readings. Priborostroenie
no.7:27 Jl '64. (MIRA 17:11)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

L 31039-65.

ACCESSION NR: AIP5003052

S/0119/65/000/001/0010/0012

AUTHOR: Abugov, Yu. O.; Gafanovich, M. D.; Didenko, K. I.; Zagariy, G. I.;
Shramko, K. N.

5
8

TITLE: Contactless proportional integrating controller

SOURCE: Priborostroyeniye, no. 1, 1965, 10-12

TOPIC TAGS: automatic controller, contactless automatic controller

ABSTRACT: A new contactless controller developed by the authors (see Enclosure 1) includes an electromechanical pulsed-type integrating unit which permits setting the integrating time within 7.5-20,000 sec. The error signal $\Delta E = E_p - E_o$, where E_p and E_o are the input parameter and reference voltages, respectively, is applied to voltage amplifier 3. The amplified error signal is fed to power-amplifying phase-sensitive device 4, proportioning circuit 5, and divider 6. The proportioning circuit converts the input signal into constant-

Card 1/3

1. 31039-65

ACCESSION NR: AP5003052

height square pulses whose duration is proportional to ΔE . The proportioning circuit is timed by adjustable power-supply-frequency divider 7. Device 4 controls capacitor motor 8 which via a reducing gear, turns the coil of ferro-dynamic converter 9. The above components are described in some detail. The claimed characteristics are: error, 1%; controller gain, 0.1-40; a-c control signal, 25 v; output controlling d-c signal, 25 v; output signal power, 4 w; ambient conditions: 0-50C and humidity up to 80%. Orig. art. has: 5 figures and 8 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: IE, EC

NO REF SOV: 003

OTHER: 000

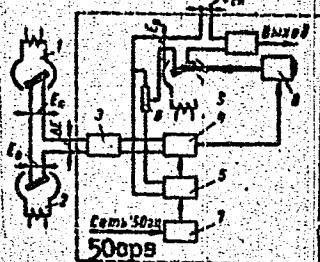
Card 2/3

L 31039-65
ACCESSION NR: AF5003052

From FCEI

On 11 11 11

FCEI



O
ENCLOSURE: 1

A contactless proportional integrating controller

FCEI final control element indicator

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3

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

BRAUDE, V.A.; DIDENKO, K.I., kand. tekhn. nauk; KORSUNSKIY, L.M.; LEVIN, V.M.

The REF electromagnetic flowmeters. Avtom. i prib. no.2875-78 Ap-Je '65.
(MJRA 1887)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

L 62096-65 ACCESSION NR: AP5016749	EWT(1)/EEC(m)/IFR/EWA(h) Po-4/Pq-4/Ps-4/Peb/Pl-4 WW UR/0286/65/000/010/0073/0073 681.121.46	
AUTHOR: Gafanovich, M. D.; Didenko, K. I.; Kivilis, S. Sh.	30 3	
TITLE: Flowmeter. Class 42, No. 171129 ²⁵		
SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 10, 1965, 73		
TOPIC TAGS: flowmeter		
ABSTRACT: An Author Certificate has been issued for a flowmeter (see Fig. 1 of the Enclosure) based on the measurement of the variable pressure drop produced by the swirl of the flow. The range of measurement, accuracy, and sensitivity have been improved by using a swirling element in the form of a helical wheel with a tube for measuring the pressure in the flow core and a tube for measuring the pressure at the periphery. Orig. art. has: 1 figure. [AC]		
ASSOCIATION: none		
SUBMITTED: 15Aug64 NO REF SOV: 000 Card 1/2	ENCL: 01 OTHER: 000	SUB CODE: ME,IE ATD PRESS: 4037

I. 62096-55

ACCESSION NR: AP5016749

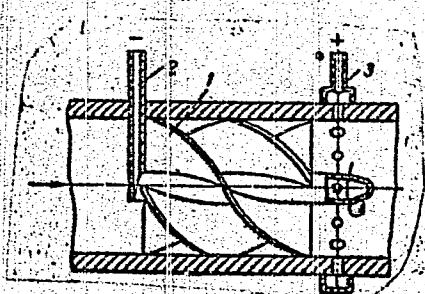


Fig. 1. Flowmeter

1 - Swirler; 2 - core pressure tube; 3 - periphery pressure tube.

llc
Card 2/2

L 61069-65	ACCESSION NR: AP5017862		UR/0286/65/000/011/0110/0110 531.776
AUTHOR: Diderko, K. I.; Gafanovich, M. D.; Krumer, D. R.			12 13.
TITLE: Compensating tachometer. Class 42, No. 171675			
SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 11, 1965, 110			
TOPIC TAGS: compensating tachometer, tachometer	10, 44		
ABSTRACT: An Author Certificate has been issued for a compensating tachometer incorporating a differential and a reference motor (see Fig. 1 of the Enclosure). In order to increase its accuracy, the tachometer is equipped with a feed-back element consisting of a string-type transducer which feeds a synchronous motor, the RPM of which is proportional to the tension of the string, through an amplifier. Orig. art. [WH] has: 1 figure.			
ASSOCIATION: none			
SUBMITTED: 06Jul62	INCL: 01	SUB CODE: IE	
NO REF SOW: 000	OTHER: 000	ATD PRESS: 4060	
Card 1/2			

I. 61069-65

ACCESSION NR: AP5017862

ENCLOSURE: 01

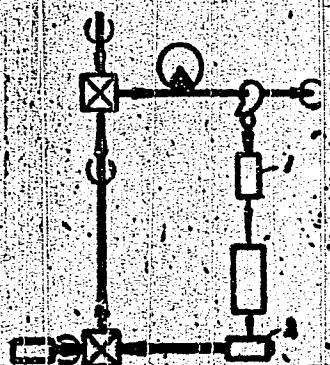


Fig. 1. Compensating tachometer

- 1 - String-type transducer;
2 - synchronous motor.

Card 2/2

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

GAFANOVICH, M.D., inzh; DUDENKO, V.I., kand. tekhn. nauk

Standard ferrodynamic transducers. Priborostroenie no. 10:
23-23 0 1 65 (MIRA 1981)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

ACC NR: AP7001824

SOURCE CODE: UR/0119/66/000/012/0012/0014

AUTHOR: Abugov, Yu. O. (Engineer); Gafanovich, M. D. (Engineer); Zagariy, G. I. (Engineer); Shramko, K. N. (Engineer); Didenko, K. I. (Candidate of technical sciences)

ORG: none

TITLE: Proportional-plus-integral regulator with nonlinear integrating action

SOURCE: Priborostroyeniye, no. 12, 1966, 12-14

TOPIC TAGS: nonlinear control system, integration

ABSTRACT: A proportional-plus--integral regulator serially produced since 1965 is described in which the duration of integration is inversely related to the magnitude of the error signal. The block diagram of the regulator (see Fig. 1) has an analog

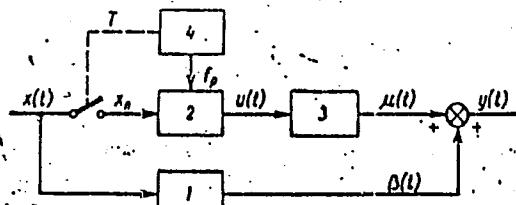


Fig. 1. Nonlinear proportional-plus-integral regulator.

Card 1/2

UDC: 621.3.078

ACC NR: AP7001824

proportional branch (1) and a discrete integral branch which consists of a pulse width modulator with coarse quantization (2) and an integrating reluctance motor (3) in addition to a unit which establishes the integration time. The integrator speeds up integration time considerably if the error signal exceeds 10%. Thus if error is in the ranges $10 \leq x \leq 20\%$, $2 \leq x < 10\%$, and $0.5 \leq x < 2\%$ of the maximum signal, the integration time is correspondingly reduced by 4, 8, and 16 times in comparison to the integration time corresponding to $x > 20\%$. Regulation time is 1.6—2 times less than that required by the linear proportional-plus-integral regulator. The transient process lasts approximately 80 sec as compared to 1300 sec for the linear regulator. The regulator characteristics are: range of gain adjustment, 0.1—50; range of integration time variation, 20—20,000 sec; input and output signals, both 0—2 v. to 50 cps; weight, approximately 12 kg; and size, 280 x 184 x 220 mm. Allowable temperature and humidity ranges are 0—50C and up to 80% respectively. Orig. art. has: 13 formulas and 7 figures.

[BD]

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001/
ATD PRESS: 5110

Card 2/2

ACC NR: AP7004256

(A)

SOURCE CODE: UR/0432/66/000/002/0031/0034

AUTHOR: Didenko, K. I. (Candidate of technical sciences); Oafanovich, M. D.;
Sushin, V. A.

ORG: none

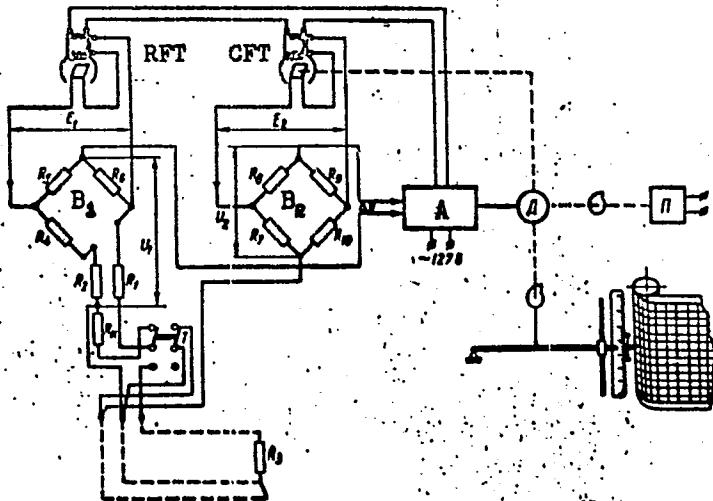
TITLE: Automatic rheochordless bridge

SOURCE: Mekhanizatsiya i avtomatizatsiya upravleniya, no. 2, 1966, 31-34

TOPIC TAGS: ferrodynamic bridge, temperature measurement / MFSM temperature recorder
~~temperature instrument, temperature recorder~~ABSTRACT: OSKB of the Khar'kov Control-and-Measuring Instrument Plant has developed a small-size ferrodynamic temperature recorder that does not contain slide-wire rheostats or any movable-contact device. The new recorder is based on the automatic compensation of a voltage proportional to thermometer resistance by an electric signal produced by a contactless ferrodynamic transducer (see figure). Electronic amplifier A receives a difference of voltages taken from the diagonals of unbalanced bridges B_1 and B_2 . Bridge B_1 is supplied by reference ferrodynamic transducer RFT while bridge B_2 , by compensating CFT. The recorder uses both copper and platinum resistance thermometers; its claimed error does not exceed $\pm 0.7\%$ full scale; full-deflection time, 2.5, 8, or 18 sec; chart rate, 20, 40, 60, or 120 mm/hr. Orig. art. has: 2 figures and 8 formulas.

UDC: 621.317.733

ACC NR: AP7004256



SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 005

Card 2/2

L 32992-65 EH(m)/EPA(s)-2/EFF(t)/EPP(v)/EMG(y)/EPF(n)-2/T/EWP(j)/EPR/EPA(mb)-2/
EWA(l)/EWA(n) -Pc-4/Pe-5/Pr-4/Pn-4/Peo/Pt-10/Pu-4 Ww/JAJ/RM
ACCESSION NR: AP5007414 S/0286/65/000/004/0058/0058

AUTHOR: Kochnov, I. M.; Lutsenko, L. M.; Mirontseva, G. A.; Sapal'skaya, L. A.;
Didenko, L. E.

TITLE: A method for producing an epoxyfuran binder. Class 39, No. 168420 68

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 58 B

TOPIC TAGS: epoxy resin, transparent plastic, bonding material 15

ABSTRACT: This Author's Certificate introduces a method for producing an amine-reinforced epoxyfuran binder by combining epoxy and furan resins. By using resorcinofurfural resin as the furan resin, these binders may be used in the production of transparent plastics with good mechanical properties and high thermal stability.

ASSOCIATION: none

SUBMITTED: 06Oct62

ENCL: 00

SUB CODE: MT

NO REF SOV: 000

OTHER: 000

Card 1/1

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

DIDENKO, M., inzh.

Apparatus for resuscitation. Znan. ta pratsia no. 10:25 o '60.
(Respiration, Artificial) (MIRA 14:4)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

TUDEL', M., kand. tekhn. nauk; DUDENKO, M., kand. tekhn. nauk; MAKARUK, I.,
inzh.; DOLGIY, L. [Dolhyi, L.], inzh.

In the fields of the "Komunar" Collective Farm. Mekh. sill'.
hosp. 14 no.3:18-20 Mr '63. (MIRA 17:1)

SILENKO, O.I. [Silenko, O.I.], kand.tekhn.nauk; DIDENKO, M.K., inzh.-mekhanik

Machinery for cultivating corn. Mekh.sil'.hosp. 11 no.3:19-21
Mr '60. (MIRA 13:6)
(Agricultural machinery) (Corn(Maize))

DIDENKO, M.K., inzh.-mekhanik

Evaluating various corn harvesting practices. Mekh. sil'. hosp.
ll no.7:21-23 Jl '60. (MIRA 13:10)
(Corn (Maize)-Harvesting)

DIDENKO, M.K., nauchnyy sotrudnik; POLESHUK, A.O., nauchnyy sotrudnik

Placing seed and fertilizer into the same hill. Mekh. sil'. hosp.
12 no. 3:9-10 Mr '61.
(MIRA 14:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva.
(Corn (Maize)--Fertilizers and manures)

KOVAL'CHUK, V.I., inzh.; DIDENKO, M.K., inzh.

Modifying grain combines for corn harvesting. Mekh. sili'hosp.
12 no.7:3-6 Jl '61. (MIRA 14:6)
(Combines (Agricultural machinery))
(Corn (Maize)--Havesting))

DIDENKO, M.K., starshiy nauchnyy sotrudnik

Performance of the KKKh-3 combine at increased speeds. Mekh.
sil'. hosp. 12 no.8:4-5 Ag '61. (MIRA 14:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii
i elektrifikatsii sel'skogo khozyaystva.
(Corn picker (Machine))

DIDENKO, M.K., kand. tekhn. nauk; LAZARENKO, A.I., red.

[Overall mechanization of corn growing] Kompleksna mekhani-
zatsiia vyrabnytstva kukurudzy. Kyiv, Urozhai, 1964. 91 p.
(MIRA 18:8)

DUDENKO, M. I. Cand Agric Sci -- (diss) "The effect of planting and harvest times of potatoes on the seed quality," Kiev, 1960, 21 pp, 250 cop
(Ukrainian ~~Agricultural~~ Academy of Agricultural Sciences) (KL, 43-60, 119)

DIDENKO, N.A.; CHERLENEVSKAYA, I.Ye.

Nature of the Pelcha and Rava-Russkaya dislocations. Geol. sbor.
[Lvov] no.4:163-170 '57.
(MIRA 13:2)

I.Ukrnefteazvedka, Lvov.
(Russian Platform--Geology, Structural)

DIDENKO, N.A. [Didenko, M.A.]

Present-day view on the tectonic pattern of the Hercynian trough
in the Lvov-Lyublin foothills. Geol. zhur. 20 no. 1:89-94 '60.

(MIRA 14:5)

(Lvov-Lyublin region—Geology, Structural)

PETROV, G.D.; DIDENKO, N.F.

Mechanized harvesting of vegetables in the U.S.A. Trakt. i sel'khozmash.
32 no.12:38-40 D '62. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo
mashinostroyeniya.

(United States—Vegetables—Harvesting)

DIDENKO, N. F., inzh.

Machines for removing and cutting sugar beet tops. Trakt.
i sel'khozmash. 33 no.11:47-48 N '63. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'sko-khozyaystvennogo mashinostroyeniya.

PECHONYY, Kh.D., inzh.; DIDENKO, N.K., inzh.

Concerning the operating efficiency of the KKKh-3 harvester.
Mekh.i elek.sots.sel'khoz. 20 no.4:10-12 '62. (MIRA 15:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva.
(Harvesting machinery)

DANILEVICH, Stefan Yuzefovich [Danylevych, S.IU.]; DIDENKO, Nikolay Kirillovich; KOVAL'CHUK, Vasiliy Il'ich; KUDLAY, Fedor Andreyevich; GRIN', Anatoliy Lavrentiyevich [Hrin', A.L.]; BABUK, V.B., red.; KOSORSKIY, V.A. [Kosovs'kyi, V.A.], red.; POTOTSKAYA, L.A. [Potots'ka, L.A.], tekhn. red.

[Over-all mechanization of corn production] Kompleksna mekhanizatsiya vyrabnytstva kukurudzy. Kyiv, Izd-vo Ukr. Akad. sil'skohosp. nauk, 1962. 194 p. (MIRA 16:4)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Babuk).
(Ukraine--Corn (Maize))
(Ukraine---Agricultural machinery)

DIDENKO, Nikolay Kirillovich; SOLODUN, G.A. [Solodun, H.A.], red.

[Operation of machines and tractors] Eksploatatsiia ma-
shynno-traktornoho parku. Kyiv, Urozhai, 1964. 507 p.
(MIRA 18:8)

DIDENKO, N. S.

ERGOMETER

"A Vertical Hand Ergometer with Friction Brake," by M.S. Shneyder and Engineer N.S. Didenko (Stalino), Chair of Propedeutic Therapy (Head - Docent M.I. Frankfurt) of the Stalino Medical Institute (Director - Docent A.M. Ganichkin) and of the Central Scientific Research Laboratory of Mine Rescuers of the Ministry of the Coal Industry USSR (Head - K.Yu. Kaminskiy), Klinicheskaya Meditsina, No 5, May 1957, pp 151-152.

A dynamometer invented by the authors for the diagnosis of "concealed" respiratory and cardiovascular insufficiencies is described. The frame of the ergometer is 2.2 m. high, and the basic weight is 10 kg. which may be supplemented up to 20 kg. The friction brake prevents a sudden fall of the weight. Three pictures of the apparatus are included.

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MASTRYUKOV, V.A., kand. med. nauk; DIDERKO, N.S., inzh.

Universal portable apparatus for artificial respiration. Voen. med.
znmr. no.2:84-87 F '59. (MIRA 12:7)
(RESPIRATORS
universal portable appar. (Rus))

DIDENKO, N.S.

Device for measuring the pulse and frequency of respiration.
Khirurgiia 36 no. 3:130-131 Mr '60.
(PULSE) (RESPIRATION) (MIRA 13:12)

SHNEYDER, M.S.; DIDENKO, N.S.

Automatic selection of the fraction of alveolar air at a given depth of expiration. Fiziol. zhur. 48 no.1:99-103 Ja '62.

(MIRA 15:2)

1. From the Department of General Medicine, Faculties of Paediatrics and of Sanitation and Hygiene, Medical Institute, Donezk.
(SPIROSCOPE AND SPIROSCOPY EQUIPMENT AND SUPPLIES)

DJDENKO, N.K., kand. tekhn. nauk

Machine sets for continuous harvesting of grain crops.
Mashinostroenie no. 2-94-97 Minsk '65. (MIRA 18;6)

DIDENKO, N.V.; KONDRAT'YEVA, L.V.

Reaction conditions for the preparation of α -isoamylacrylic acid.
Ukr.khim.zhur. 29 no.1:80-81 '63. (MIRA 16:5)

1. Odesskiy gosudarstvennyy universitet.
(Acrylic acid)

Pd-1/Pai-4/ps-4/Pi-4
ACCESSION NR: AP5005835

S/0114/65/000/002/0017/0020

AUTHOR: Dorfman, A. Sh. (Candidate of technical sciences); Saykovskiy, M. I. (Candidate of technical sciences); Didenko, O. I. (Engineer); Stepanenko, A. P. (Engineer)

TITLE: Results of aerodynamic testing of pipe models of GT-6-750 gas-turbine plant

SOURCE: Energomashinostroyeniye, no. 2, 1965, 17-20

TOPIC TAGS: gas turbine, exhaust duct, inlet duct / GT-6-750 gas turbine

ABSTRACT: Results of the designing and aerodynamic testing of models of the turbine exhaust duct and compressor inlet duct are reported. Five variants of the exhaust duct (dimensions tabulated) were tested by integral methods within 0.1–0.35 Mach number at the diffuser inlet. Plots of the relative restorations of static pressure vs. the Mach number are presented. Two variants — with bottom

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L 41078-65

ACCESSION NR: AP5005835

and diagonal entrances — of the inlet ducts were tested; each variant had two modifications (0.73 and 0.71 hub-tip ratios). It is found that: (1) Increasing the axial dimension of the exhaust duct to a certain limit results in its higher efficiency; (2) A suitable diffuser profile can ensure duct efficiency without the use of separators; (3) Losses in all variants are rather low, being lower in diagonal-entrance arrangements than in bottom-entrance ones. Other specific findings re various variants are reported. Orig. art. has 5 figures, 4 formulas, and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: PR

NO REF SOV: 001

OTHER: 000

Card 2/2

L 26505-66 EWP(m)/EWT(1) GS

ACC NR: AT6008.147

UR/0000/65/000/000/0072/0080 36

B+1

AUTHOR: Saykovskiy, M.I.; Dorfman, A.Sh. (Candidate of technical sciences); Didenko, O.I.; Kusyuk, A.I.; Stepanenko, A.P.

ORG: None

TITLE: Results of aerodynamic investigation of the compressor intake on models and in full scaleSOURCE: AN UkrSSR. Techeniya zhidkostey i gazov (Flows of liquids and gases) Kiev, Naukova dumka, 1965, 72-80

TOPIC TAGS: compressor design, aerodynamic test, test model

ABSTRACT: The paper describes scale model and full scale aerodynamic tests on compressor intakes. Rigidly oriented 3-channel total pressure tubes installed in a rotatable ring were used to measure the flow turning angle, velocity, and total air pressure. Schematics of the compressor intake are shown. The energy loss coefficient, ξ , of the intake was calculated from the average loss of total pressure, Δ_o , the average ram density, ρ , the average normal velocity, v_n , and the compressibility correction factor δ ($\delta = 1 - M^2/4$) using: $\xi = 2 \Delta_o / \rho_o \cdot v_n$. (1) Conditions and measurement results are given for 12 design variants. All variants show a fairly uniform distribution of velocities over the cross sections. Losses are comparatively low in all variants, somewhat

Card 1/2

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

L 26505-66

ACC NR: AT6008147

lower for the design with a diagonally disposed entrance. Hints for efficient compressor intake design are discussed, among them the necessity to have adequate overall axial dimensions so as not to increase unduly the curvature at flow bends. Model tests have indicated a sufficiently close correspondence of the flow rotation angles and velocity distributions with the full scale data. Orig. att. has: 4 figures, 1 formula.

SUB CODE: 13 SUBM DATE: 01Sep64

Card 2/2 ✓

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

DIDENKO, R.; GOL'TSEKER, I., kand.ekonom.nauk

Studying demand at a department store. Sov.torg. 35 no.7:19-23
Jl '62. (MIRA 15:11)

1. Kommercheskiy direktor TSentral'nogo universal'nogo magazina
(for Didenko).
(Moscow--Department stores)

BUROVA, O.; DUDENKO, R.; BAKHMUTSKAYA, Ye.; NIKIFOROVA, L.

Freezing of endocrine enzyme raw materials in polyethylene
films. Mias. ind. SSSR 34 no.4:16-17 '63. (MIRA 16:10)

1. Leningradskiy ordena Trudovogo Krasnogo Znameni myasnoy
kombinat imeni S.M. Kirova.

I 4448-66 EWT(1)/T JK/JXT

ACC NR: AP6023656

(A)

SOURCE CODE: UR/0066/66/000/004/0039/0041

AUTHORS: Chizhov, G. B. (Doctor of technical sciences, Professor); Didenko, R. A.;
Bikdulova, I. M.

ORG: Leningrad Technological Institute for the Refrigeration Industry
(Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti)

TITLE: Treating the surface of chicken eggshells to increase their lasting in storage

SOURCE: Kholodil'naya tekhnika, no. 4, 1966, 39-41

TOPIC TAGS: food preservation, food technology, mineral oil, antibiotic / 50SU
mineral oil

ABSTRACT: A series of antibiotics and substances sealing the shell pores was applied to the surface of chicken eggshells in an effort to determine their ability to lengthen the storage period of eggs. None of the antibiotics tested (biomycin, nistatine, sorbic acid, and various mixtures of these) has shown any protective ability. Neither did aqueous solutions of sodium silicate, polyethylene packaging, or 10-sec dipping of the eggs in boiling water. The only promising results were obtained by immersing the eggs in 50SU mineral oil, especially if the latter contained 1% of the oil-soluble antibiotic hordecyn, described by N. V. Novotel'nov

Cord 1/2

UDC: 637.4.004.4

L 4448-66

ACC NR: AP6023656

and I. S. Yezhov (Novyy antibiotik gordetsin, vydelennyy iz yachmennogo zerna. Zhurnal Doklady vysshey shkoly (Biologicheskiye nauki), 1959, No. 3). The treatment resulted in a drastic decrease of dehydration, decrease of microbe population, and of the number of defective eggs. These advantages are especially pronounced upon prolonged storage, e.g., 3-4 months. Orig. art. has: 1 table.

SUB CODE: 06, 07/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 001

Card 2/2 Jn

✓ 2646. A study of the reaction between beryllium
and 1-(*c*-arsenophenylazo)-2-naphthol-3:6-disul-
phonic acid (theron). I. P. Adamovich and R. S.
Didenko. Uch. Zap. Khar'kov. Univ., 1954, 54.

Tinny Khim. Fak. i Nauch. Issledovatel. Inst. Khim.,
18; 105-202; Ref. Zhur. Khim., 1955, (16), Abstr.
No. 31,803.—A study of the composition of the
compound formed by the interaction of Be and
1-(*c*-arsenophenylazo)-2-naphthol-3:6-disulphonic
acid (I) by Ostrovskii's method has shown
that the constituents react in the ratio 2:3, the
ions BeO^{2+} and a quinquevalent anion of I taking
part. The constant of formation of the complex is
 $(4.5 \pm 0.4) \times 10^4$, and its coeff. of mol. extinction
at $480 \text{ m}\mu$ is 46,000. Maximum formation of the
complex occurs at pH 12.5. C. D. KOPKIN

2

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✓

86

DILENKO, S.I., kand.ekonomiceskikh nauk, dotsent

Systematization of factors affecting the cost and norms
for preliminary determination of the cost. Trudy MAI
no.151:32-46 '62. (MIRA 15:12)
(Airplanes—Cost of construction)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

KRISS, A.Ye. and DIIENKO, S.I.

"Chalk Absorbates of Bacteriophages as Therapeutic Preparations."
SO: Byul. Eksper. Biol. i Med. 1944 (10-11). (Quoted in Referaty 1945)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

DIDENKO S. I.

Jul/Aug. 48

USSR/ Medicine - Bacteriophage,
Nature of
Medicine - Bacteriophage, Action

"The Nature of a Bacteriophage," A. YE. Kriss, S. I. Didenko, YE. A. Strel'tsova, Inst. of Microbiol, Acad Sci USSR, Cen State Sci Controlling Inst imeni Tarasevich, Moscow, 10 pp

"Mikrobiologiya" Vol XVII, No 4, pp. 233-242.

Quantitative titration tests reveal that a decrease in lytic action is possible during decrease in lytic action is possible during course of destruction of phagocytes. It is not accompanied by an specific variations in reproduction of Phagocytes. In final cultures of dry bacteriophage, where a second growth occurs, reproduction of bacteriophage reaches a maximum titration. Gives two tables, six microscopic photographs, and graphs of experimental results. Submitted 24 Nov 47.

PA 4L/49T67

DIDENKO, S. I., STREL'TSOVA, Ye. A. and KRISS, A. Ye.

"The Nature of the Bacteriophage. IV. The Lytic Activity of the Bacteriophage as Indicating the Condition of the Phagocytes," Mikrobiol., 17, No.6, 1948.

Inst. Microbiology, AS USSR
Central State Sci. Controlling Inst. im. Tarasevich, Moscow

DIDENKO, S. I., SINITSKIY, A. A.

Physician

In memory of L. A. Tarasevich. Sov. zdrav. ll No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

GRODKO, N.; DIDENKO, S.I., direktor.

Study of the strain isolated by M.R. Nechaevskaya. Zhur.mikrobiol.epid.i
immun. no.2:57-58 F '53. (MIRA 6:5)

1. Gosudarstvennyy kontrol'nyy institut syvorotok i vaktsin imeni L.A. Ta-
rasevicha. (Bacteria, Anaerobic) (Nechaevskaya, M.R.)

EFENDI-ZADE, M.M.; MELIKOVA, Ye.N.; STEPANOVA, S.L.; DIDENKO, S.I., direktor.

Variability of bacteria of the *Bacillus coli* group; authors' abstract. Zhur. mikrobiol.epid.i immun. no.4:62-63 Ap '63. (MLRA 6:6)

1. Azerbaydzhanskiy meditsinskiy institut (for Efendi-Zade, Melikova, Stepanova). 2. Kontrol'nyy institut sывороток i вакцин им.и Tarasevicha (for Didenko, Efendi-Zade, Melikova, Stepanova). (Intestines--Bacteriology)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

MELIKOVA, Ye.N.; STEPANOVA, S.L.; ALI-ZADE, F.M.; DIDENKO, S.I., direktor.

Phagocytosis reaction in immunity to typhoid fever resulting from inoculation. Zhur.mikrobiol.epid.i immun. no.8:28-32 Ag '53. (MIRA 6:11)

l. Gosudarstvennyy kontrol'nyy institut syvorotok i vaktsii im. L.A.Tarasevicha. (Typhoid fever—Preventive inoculation)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

KURDYUMOVA, K.N.; DEDENKO, S.I., direktor.

Determination and study of Vi-antigen in paratyphoid B cultures. Zmir.mikro-
biol.epid.i imun. no.8:33-36 Ag '53. (MIRA 6:11)

1. Gosudarstvennyy kontrol'nyy institut vaktsii i syvorotok im. Tarasevicha.
(Paratyphoid fever)

1. DIDENKO, S. I.
2. USSR 600
4. Scientists
7. Great scientist and public figure (25th anniversary of the death of L. A. Tarasevich), Priroda, h2, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.; DUDENKO, S.I.

Toxic properties of smallpox vaccine virus. Zhur. mikrobiol. epid.
i immun. no.10:48-53 O '54. (MLRA 8:1)

1. Direktor Gosudarstvennogo kontrol'nogo instituta vaktsin i
syvorotok imeni L.A.Tarasevicha (for Didenko) 2. Otdel virusov
Gosudarstvennogo kontrol'nogo instituta vaktsin i syvorotok imeni
L.A.Tarasevicha (for Solov'yev, Mastyukova)
(SMALLPOX VIRUS) (TOXINS AND ANTITOXINS)

DIDENKO, S. I.

"The Problem of the biological standards in the control of the effectiveness of typhoid vaccine"

A paper presented at the 2nd Inter. Cong. for the Standardization of Immunobiological agents. Rome, 10-14, Sep 56

DIDENKO, S.I.

E

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103478

Author : Didenko, S. I.

Inst : -

Title : Theoretical and Practical Bases for Obtaining Dysentery Bacteriophage with a Broad Range of Action.

Orig Pub: Sb. Bakteriofagiya. Tbilisi, Gruzmedgiz, 1957, 91-97.

Abstract: Study of the lytic activity of many series of dysentery phage released by various phage-production institutes in 1948-1953 with respect to hundreds of strains of Flexner dysentery bacterial cultures has shown that these phages are markedly different from one another in their lytic effect on cultures of one and the same serological type. It has been shown that for the

Card : 1/3

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

E

Abs Jour: Ref Zhur. Biol., No23, 1958, 103470.

purpose of obtaining active phage with a broad range of action it is possible to use only one definite strain of dysentery culture rather than many in the preparation of it. Two monophages have been prepared; one using Flexner No 4832 strain serotype V, and the other using Flexner strain No 26 serotype W. Testing of the monophages prepared has shown that they possess a greater lysing activity and a broader range of action than the polyphage prepared from strains of the entire antigenic Flexner group. Similar data have been obtained with monophages of Sonne and Newcastle cultures. The author believes that the problem of obtaining active dysentery phages may be solved only by

Card : 2/3

12

Country : USSR

E

Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103478

means of the search for and selection of appropriate
dysentery cultures. -- Ya. I. Rautenshtoyn.

Card : 3/3

DIDENKO, S.I.

Second European Congress on Biological Standardization held in
Rome in Sept. 1956. Vop.virus. 2 no.2:126-128 Mr-Ap '57.
(MICROBIOLOGY--STANDARDS) (MLPA 10:6)

DIDENKO, S.Z.

CHARTKOVA, F.A.; DIDENKO, S.I.; USHAKOVA, A.A.

Anaphylactogenic properties of thrombin from horse plasma and
native horse sera. Zhur.mikrobiol.epid. i immun. 28 no.8:107-110
Ag '57. (MIRA 11:2)

1. Iz Gosudarstvennogo kontrol'nogo instituta imeni Tarasevicha.
(ALLERGY, experimental,
anaphylactogenic eff. of thrombin from horse plasma &
native serum (Rus))
(THROMBIN, effects,
same)

DIDENKO, S.I., kand.med.nauk, red.; LEYBENZON, A.Ye., prof., red.

[Data of an experimental and clinical study of the preparation "peloidin"] Materiały eksperimental'no-klinicheskogo izuchenia preparata "peloidin." Pod red. S.I.Didenko i A.E.Leibenzona. Moskva, M-vo zdravookhranenia SSSR, 1958. 157 p. (MIRA 13:1)

1. Gosudarstvennyy nauchnyy kontrol'nyy institut imeni L.A. Tarasevicha. 2. Direktor Gosudarstvennogo nauchnogo kontrol'nogo instituta imeni L.A.Tarasevicha (for Didenko). 3. Gosudarstvennyy nauchnyy kontrol'nyy institut imeni L.A.Tarasevicha (for Leybenzon).

(EARTHS, MEDICAL AND SURGICAL USES OF)

DIDENKO, S. I.

"Theoretical and practical principles of obtaining a dysentery bacteriophage having a wide range of action,"

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists. 1959

DIDENKO, S.I.; EPSHTEYN-LITVAK, R.V.

Fortieth anniversary of the Moscow Institute of Epidemiology,
Microbiology, and Hygiene. Trudy IEMG no.8:21-30 '61
(MIRA 17:2)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3

DIDENKO, S.I.; MYASNENKO, A.N.; EPSTEYN-LITVAK, R.V.

Dry colibacterin, a new effective preparation for the treatment
and prophylaxis of intestinal diseases. Biul. Uch. med. sov. 3
no.1:19-21 Ja-F '62. (MIRA 17:10)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410320017-3"

SANKIN, D.I., kand. ekon. nauk; SEMINOV, S.I., kand. ekon. nauk;
BEREZNOY, N.I., kand. ekon. nauk; ZHDANOV, A.I., kand.
ekon. nauk; GORCHAKOV, A.A., inzh.; ZAKHAROV, V.V., inzh.;
YUNOVICH, I.M., inzh.; RYVKIN, A.S., inzh.; KOVRIGIN, V.V.,
ekonomist; DUDENKO, S.I., kand. ekon. nauk; SANDOMIRSKIY,
A.T., ekonomist; GONCHARENKO, B.L., kand. ekon. nauk; KOTOV,
V.F., inzh.; EYDEL'MAN, B.I., red.

[Handbook for the economist and planner in an industrial
enterprise] Spravochnik ekonomista i planovika promyshlen-
nogo predpriatiia. Moskva, Ekonomika, 1964. 698 p.

(MIRA 17:6)

DYMISHITS, M.A.; DIDENKO, S.I., kand. ekon. nauk, retsenzent;
BORISOV, Yu.S., inzh., red.

[The organization and economics of equipment modernization] Organizatsiia i ekonomika modernizatsii oborudovaniia. Moskva, Izd-vo "Mashinostroenie," 1964. 136 p.
(MIHA 17:6)

PHASE I BOOK EXPLOITATION

SOV/6558

Andrianov, D. P., M. Z. Gendel'man, A. V. Glichev, S. I. Didenko,
A. N. Zhuravlev, K. D. Zakharov, S. V. Moiseyev, L. M. Ol'shevets,
. N. A. Orlov, P. G. Popov, S. A. Sarkisyan, D. E. Starik, A. N.
Ter-Markaryan, V. I. Tikhomirov, V. V. Chesnokov, Ye. I. Sherman,
and L. M. El'bert.

Organizatsiya, planirovaniye i ekonomika aviatsionnogo proizvodstva
(Organization, Planning, and Economics of the Aircraft Industry)
Moscow, Oborongiz, 1963. 694 p. Errata slip inserted. 5000 copies
printed.

Ed. (Title page): L. M. Ol'shevets, Candidate of Technical Sciences,
Docent and N. A. Orlov, Professor; Reviewer: A. A. Lapshin, Docent;
Ed.: V. F. Novatskiy, Candidate of Economical Sciences; Ed. of
Publishing House: F. G. Tubylanskaya; Tech. Ed.: I. I. Karpov;
Managing Ed.: L. A. Gil'berg.

PURPOSE: This textbook is intended for students of aircraft engineering
schools of higher education. It may also be useful to engineering
personnel of aircraft industry.

Card 1/16

Organization, Planning (Cont.)

SOV/6558

COVERAGE: The book presents a comprehensive review of problems connected with economics of the aircraft industry and with the organization and planning of aircraft production. Concrete problems of organization of work at aircraft enterprises are analyzed as they apply to various types of aircraft plants, e.g., aircraft construction plants, engine manufacturing plants, instrument-making plants. Specific features of the organization and planning of production in industrial and experimental plants are outlined. The Introduction and Ch. I, II, and XI were written by Professor N. A. Orlov; Ch. III by Docent S. V. Moiseyev, Cand. of Techn. Sciences; Ch. IV and XIX by Docent S. A. Sarkisyan, Cand. of Econ. Sciences; Ch. V and X by Docent D. E. Starik, Cand. of Techn. Sciences; Ch. VI by Docent P. G. Popov; Ch. VII by Docents Ye. I. Sherman, Cand. of Econ. Sciences, and K. D. Zakharov, Cand. of Techn. Sciences; Ch. VIII by Docent M. Z. Gendel'man, Cand. of Techn. Sciences, Docent A. V. Glichev, Cand. of Economic Sciences, and Professor A. N. Ter-Markaryan, Cand. of Techn. Sciences; Ch. IX by Professor A. N. Zhuravlev, Cand. of Tech. Sciences; Ch. XII and XIII by Professor D. P. Andrianov, Doctor of Econ. Sciences; Ch. XIV by Professor V. I. Tikhomirov, Cand. of

Card 2/16

Organization, Planning (Cont.)

SOV/6558

Techn. Sciences; Ch. XV, XVI, XVII, XXII by Docent L. M. Ol'shevets,
Cand. of Techn. Sciences; Ch. XVIII and XXI by Docent S. I. Didenko,
Cand. of Econ. Sciences; Ch. XX and XXIV by Docent L. M. El'bert,
Cand. of Econ. Sciences; Ch. XXIII by Docent V. V. Chesnokov, Cand. of
Econ. Sciences, L. M. Ol'shevets and N. A. Orlov supervised the group
of authors and completed the scientific editing. Each part of the
book is accompanied by references, all Soviet, and in addition there
are 9 Soviet references relating to the whole book.

TABLE OF CONTENTS:

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Card 3/16

DIDENKO, S.P.

123-1-1587

Summary translation from: Referativnyy Zhurnal, Mashinostroyeniye,
1957, Nr 1, p.228 (USSR)

AUTHORS: Mikhalkov, P.V., Styazhkin, N.M., Didenko, S.P.

TITLE: The "Stalingrad-I" Sampler (Probootbornik "Stalin-
grad-I")

PERIODICAL: Novosti neft. tekhn. Neftepromysl. delo, 1956, Nr 3,
pp. 18-19

ABSTRACT: The authors describe the "Stalingrad-I" sampling
device developed by the Central Scientific Research
Laboratory of the Stalingrad-Oil-Prospecting Trust.
The sampler was tested in the wells of the "Stalingrad-
Petroleum" Association. The "Stalingrad-I" has several
advantages as against the PD-3 sampler presently in
common use; being much shorter-(755mm as against
2,260mm for the PD-3)- it provides the opportunity
to make an analysis of the sample directly in the

Card 1/2

The "Stalingrad-I" Sampler (Cont.)

123-1-1587

apparatus, thus saving a great deal of time; the rubber section of the valve is improved, permitting a better sealing at low and high pressures; a striking mechanism is employed to close the valves, making it possible to obtain samples from a desired depth with a higher degree of certainty than the clock mechanism in the PD-3.

Ch.I.I.

Card 2/2

DIDENKO, S.S.

Work of the bus crew disseminating technical information. Transp.
stroi. 11 no.4:52 Ap '61. (MIRA 14:5)

1. Instruktor Barnaul'skoy nauchno-issledovatel'skoy stantsii
Orgtransstroya.
(Construction industry--Technical innovations)

SHEYNIN, M.Ya., kand.med.nauk; DUDENKO, S.Yu., inzh.; KUTEPOV, V.N.,
inzh.; ROMANENKO, V.V., inzh.; SHAPIL'SKIY, A.V., inzh.

Sanitation of working conditions in manual welding. Svar.
proizv. no.2:37-38 F '62. (MIRA 15:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny
truda i profzabolevaniy.
(Electric welding--Hygienic aspects)

KAYNARSKIY, I.S.; DEGTYAREVA, E.V.; PINDRIK, B. Ye.; KUKHTENKO, V.A.;
KULAKOV, N.I.; BEL'CHENKO, B.I.; IVNITS'AYA, N.S.; SMORODA, I.M.;
SHAROV, M.F.; KOZIN, L.M.; KVASHA, A.S.; PELESHCHUK, M.I.; PRYAKHIN,
L.G.; LEVINA, L.I.; DANILOV, V.I.; DIDENKO, S.Yu. PROTSENKO, G.A.

Reducing dust formation from dinas bricks and dinas mortar.
Ogneupory 29 no.3:109-112 '64 (MIRA 17:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov
(for Kaynarskiy, Degtyareva, Pindrik, Kukhtenko). 2. Gosudar-
stvennyy institut po proyektirovaniyu predpriyatiy koksokhi-
micheskoy promyshlennosti (for Kulakov, Bel'chenko, Ivnitskaya).
3. Vsesoyuznyy trest po stroitel'stvu i montazhu koksokhim-
cheskikh zavodov (for Peleshchuk, Pryakhin, Levina). 4. Ukrain-
skiy nauchno-issledovatel'skiy institut gigiyeny truda i pro-
fessional'nykh zabolevaniy (for Danilov, Didenko, Protsenko).

DIDENKO, G. Yu.; ROMANENKO, V. V.; SHAPIL'SKAYA, T. V.

Using natural gas combustion products for heating inflowing air.
Gaz. prom. 7 no. 5: 50-51 '62.
(MIRA 17: 11)

DIDENKO, V.; BONDARENKO, A.; SHTAN'KO, M.; MYKOTS', T.

Radio Clubs - Slavka

Experience of the radio amateurs of the village of Slavka. Radio No. 4, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

DIDENKO, V.A.

When to plant potatoes in the North. Agrobiologija no. 3:450-
452 My-Je '61.
(MIRA 14:5)

1. Puksoozerskiy sovkhoz, Plesetskogo rayona, Arkhangel'skoy
oblasti.
(Russia, Northern—Potatoes)

DIDENKO, V. D.

"Design of bridge structures for switching systems"

report submitted for the Intl. Symposium on Relay Systems and Finite Automata Theory
(IFAC), Moscow, 24 Sep-2 Oct 1962.

DIDENKO, V.F. (Moskva, 19, Gogolevskiy bul'var, d.23, kv.1);
MALITEYEVSKIY, P.F.

Rupture of an aneurysm of the abdominal aorta into the duodenum,
Klin.khir. no.11:70-71 N '62. (MIRA 16:2)

1. Moskovskaya gorodskaya klinicheskaya bol'nitsa No.67.
(ABDOMINAL ANEURYSM)

SERGEYEV, Ye.N.; ARKHIPOVA, G.F.; DIDENKO, V.I. (Novosibirsk)

Hypoxic method of cardioplegia in experimental extracorporeal blood circulation. Vrach. delo no.12:7-11 D '63.
(MIRA 17:2)

1. Institut eksperimental'noy biologii i meditsiny Sibirskogo
otdeleniya AN SSSR.

MESHALKIN, Ye.N.; SERGIYEVSKIY, V.S.; ARKHPOV, G.F.; OKUNEVA, G.N.; SAVINSKIY, G.A.; VLASOV, Yu.A.; RUDENKO, V.I.

Theoretical possibility of preserving the basic function of the lung following surgical resection of all its neural connections (in auto-transplantation) under experimental conditions. Eksper. khir. i anest. 9 no.2:34-42. Mr-Apr '64. (MIRA 17:11)

1. Institut eksperimental'noy biologii i meditsiny (nauchnyy rukovoditel' - prof. Ye.N. Meshalkin, ispolnyayushchiy obyazannosti direktora dottsent Yu.J. Berodin) Ministerstva zdravookhraneniya RSFSR, Novosibirsk.

SIDENKO, V.I. (Novosibirsk)

Histology and histochemistry of the arterial walls in Takayasu's disease. Arkh. pat. 26 no. 3:69-71 '64.

(MIR 18:12)

I. Institut eksperimental'noy biologii i meditsiny (tsentral'nyayushchiy obyazannyyi direktora - dotsent Yu.I. Berdin)
Sibirs'kogo otdeleniya AN SSSR.

DIDENKO, V.I.

Adjusting temperature compensation circuits for precision
transistorized voltage stabilizers. Izm.tekh. no.12:27-29
D '62.

(Voltage regulators)

DIDENKO, V.I.

New machines for the continuous casting of steel. Met. i gornorud. prom.
no. 5:26-27 S-A 164. (MIRA 18:7)

DIDENKO, V.I. (Kiyev); LYASHENKO, I.N. (Kiyev)

Numerical solution of boundary value problems for elliptic differential
equations with constant coefficients. Ukr. mat. zhur. 16 no.5:681-690
'64. (MINA 17:10)

L 15009-65 ENT(d) Pg-4
ACCESSION NR: AP4047792

IJP(c)/AFTG(p)

S/002/64/000/010/1273/1276

AUTHOR: Didenko, V. I.; Lyashenko, I. M. (Lyashenko, I. N.)

TITLE: The numerical solution of boundary problems for elliptical differential equations with constant coefficients

SOURCE: AN UkrSSR. Dopovidiv, no. 10, 1964, 1273-1276

TOPIC TAGS: Schwarz alternating method, iteration process, seam equation, disintegrating linear algebraic system equation

ABSTRACT: The seam equations for elliptical equations of the second order with constant coefficients are investigated by the method of the summary representations, as they were published in works [1-3]. A finite-difference analog of Schwarz's alternating method is constructed for equations of type (1) at $2\lambda \geq 0$. It is shown that the corresponding iterative process on solving the seam equation converges, whereupon, the computation scheme of this process, after unification of the subgroups computational operations, corresponding to all of the seam-ed regions, is reduced to a simple iteration method as applied to the seam equa-

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tion given in form (6). If the seamed regions are separated by a relatively large distance, the seam equations produce practically disintegrating systems of linear algebraic equations. Orig. art. has: 7 formulas and 3 figures.

ASSOCIATION: Kyiv'skyi derzhavnyi universytet (Kiev State University)

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AUTHORS: Didenko, V. I. (Kiev); Lyashenko, I. N. (Kiev)

TITLE: Numerical solution of boundary value problems for elliptic differential equations with constant coefficients

SOURCE: Ukrainskiy matematicheskiy zhurnal, v. 16, no. 5, 1964, 681-690

TOPIC TAGS: numerical analysis, boundary value problem, elliptic differential equation

ABSTRACT: The authors study completely determined systems of equations, equations of juncture, for determination of parameters, applicable to constant coefficient elliptic partial differential equations. The essence of this method is that the solution of the corresponding finite difference boundary value problem has an explicit representation containing at most a few parameters, independent of the number of grid nodes. In particular, in the case of linear algebraic equations of second order for regions composed of several rectangles, the number of such parameters coincides with the number of nodes lying on lines along which these rectangles abut each other. For solution of the equations of juncture the authors construct an "alternating iteration process" analogous to that of Schwartz, known